

24 MAR 1983

ODP MANAGEMENT AND PLANNING
ISSUES

I. TECHNOLOGY

A. Near-term

- (1) Personal Computers
- (2) Supercomputers
- (3) Follow-on Terminal
- (4) Graphics
- (5) Communications
- (6) Mass Storage
- (7) Local Area Networks
- (8) Office Automation
 - a. OAS/WPE Host Interface
 - b. Host-based W. P.
 - c. AIM (Electronic Mail)
- (9) Artificial Intelligence
- (10) Computer Security
- (11) Centralized vs. Distributed Architecture

B. Long-term

- (1) - (11) Same as above
- (12) Non-traditional Information Services
 - (a) Video; Fax; Voice; Graphics
 - (b) Printing

II. APPLICATIONS DEVELOPMENT

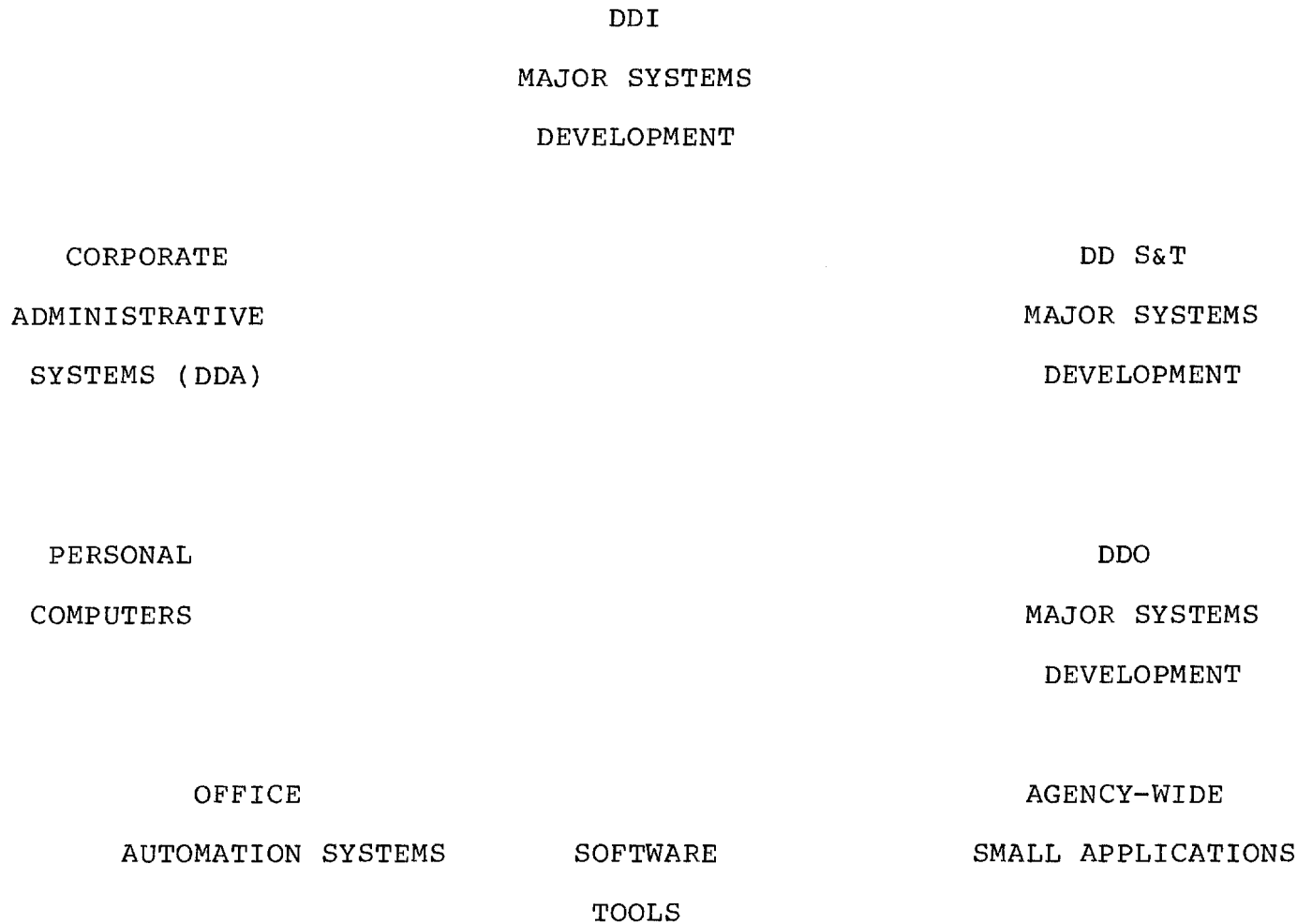
A. Near-term

- (1) Slice of Applications Pie (See Fig. 1)
- (2) Nature of Support to End-User Programming
(e.g., Information Centers)
- (3) How can backlog be minimized?
- (4) Contract vs. In-house Development
- (5) Standards
 - a. Languages
 - b. Development Methodologies
 - c. ODP or Agency-wide?

B. Long-term

- (1) - (5 c.) Same as above.

APPLICATIONS PIE



HOW BIG SHOULD THE ODP SLICE OF THE
APPLICATIONS PIE BE?

FIGURE 1.

III. DATA

A. Near-term

(1) ODP Role

- a. Data Custodian
- b. Data Base Administration
- c. Information Management Role (a la OCR/IMS)

(2) Archiving and Backup

B. Long-term

(1) ODP Role (same as above)

IV. GEOGRAPHICAL SCOPE

A. Near-term

(1) HQ area vs. CONUS

B. Long-term

(1) Overseas (Should ODP take on responsibilities
overseas?)

V. ORGANIZATIONAL ISSUES

A. Near-term

(1) Scope of Organizational Responsibilities

- a. DDA Only vs. Agency-wide
- b. DDO?
- c. DDI?
- d. Intelligence Community?

(2) Relationship with DDA Offices (OC, OIS, etc.)

(3) Internal Organization

B. Long-term

(1) Same as above, DDS&T support (NPIC, National Programs)

(2) Relationship with DDA Offices (OC, OIS, etc.)

(3) Information Handling Directorate (should one exist?)

VI. FUNCTIONAL ISSUES

A. Near-term

(1) Should our responsibilities include the following? To what extent?

- a. Applications Development
- b. Software Maintenance
- c. Operations
- d. User Consulting (Information and
Development Centers)
- e. Production (including Data Entry)
- f. Database Administration
- g. R & D
- h. Computer Security
- i. Training
- j. External Databases
- k. Agency-wide Standards Development and
Monitoring (ODP systems only or all)
- l. Architecture Specification
- m. Agency-wide Procurement Review
- n. Agency-wide ADP Activity Review
- o. Agency-wide Procurement (e.g., personal com-
puters, terminals)

B. Long-term

VII. RESOURCE ISSUES

A. Near & Long Term

- (1) Derivative from mission/function/workload analysis, appropriately modified for real-world constraints

VIII. PERSONNEL ISSUES

A. Near Term

- (1) Recruitment
- (2) Training
- (3) Employee Development
- (4) Identification of High Potential Employees
- (5) Motivation
- (6) Retention
- (7) Rotational Program

B. Long-Term

- (1) - (7) Same as above
- (8) Scope of Career Service within Agency
- (9) Salary/Benefit Establishment

IX. SERVICE ISSUES

A. Near-term

(1) What services should we provide?

(2) What service levels,
performance/availability
standards, etc. should we provide?

(3) Backup Center?

B. Long-term

(1) - (3) Same as above

X. MANAGEMENT ISSUES

A. Near-term

- (1) Appropriate Decisionmaking Levels within ODP
- (2) Role of Customer in Project Management
- (3) Role of ADP Control Officers
- (4) Rotational Program
- (5) Intra-office Coordination
- (6) Organization of the Strategic Planning Process
- (7) Boundary Tensions
- (8) Who is the Agency Architect?
- (9) System (H/W, S/W) Diversity vs. Standardization
- (10) Connection with External I.C. Networks (e.g., COINS)

(11) In-house Development vs. Commercially
Available Software

(12) Special Purpose H/W vs. Commercially
Available H/W

(13) ADP Utility vs. Total ADP Support (Who
is responsible for remote terminal speci-
fication, procurement and funding?)

B. Long-term

(1) Who is the Agency Architect?

(2) Information Handling Directorate

(3) System (HW/SW) Diversity vs. Standarization

MISSION AND FUNCTIONS

FOUR DIMENSIONAL ADP UNIVERSE

ORGANIZATIONAL
WHOM DO WE SUPPORT?

X	X	X
DDA	<u>FY83</u>	AGENCY + IC

FUNCTIONAL
WHAT ADP FUNCTIONS
DO WE PERFORM?

X	X	X
ADP UTILITY	<u>FY83</u>	FULL ADP SUPPORT
MINIMUM ADP DEV.		
MINIMUM USER SUPPORT		

GEOGRAPHICAL
WHAT ARE THE GEOGRAPHICAL
CONSTRAINTS ON SUPPORT?

X	X	X
HQ AREA	<u>FY83</u>	WORLD-WIDE

TECHNOLOGICAL
WHAT TECHNOLOGIES
DO WE SUPPORT?

X	X	X
TRADITIONAL ADP	<u>FY83</u>	INFORMATION HANDLING

AS WE EXPAND OUR MISSION AND FUNCTIONS WE ENCOUNTER BOUNDARY
TENSIONS WITH EXISTING AGENCY COMPONENTS.

ORGANIZATIONAL DIMENSION

TO WHAT EXTENT SHOULD ODP SUPPORT THE FOLLOWING ENTITIES?

- DDA
- DDI
- DDO
- DDS&T
- IC Staff
- IC

FUNCTIONAL DIMENSION

TO WHAT EXTENT SHOULD THE FOLLOWING BE ODP FUNCTIONS?

APPLICATIONS DEVELOPMENT (SEE FIGURE 1)

SOFTWARE MAINTENANCE

USER CONSULTING (INFORMATION AND DEVELOPMENT CENTERS)

TRAINING

R&D

PRODUCTION (INC. DATA ENTRY)

OPERATIONS

SYSTEMS PROGRAMMING

ENGINEERING

AGENCY-WIDE PROCUREMENTS (E.G., PERSONAL COMPUTERS,
TERMINALS, ETC.)

AGENCY-WIDE STANDARDS DEVELOPMENT AND MONITORING

AGENCY-WIDE ARCHITECTURE SPECIFICATION

AGENCY-WIDE ADP PROCUREMENT REVIEW

AGENCY-WIDE ADP ACTIVITY REVIEW

GEOGRAPHICAL DIMENSION

TO WHAT EXTENT SHOULD OUR ADP ACTIVITIES BE LIMITED BY GEOGRAPHY?

- HQ FACILITIES ONLY
- WASHINGTON AREA FACILITIES ONLY
- CONUS FACILITIES ONLY
- WORLD-WIDE

TECHNOLOGICAL DIMENSION

TO WHAT EXTENT SHOULD ODP BE INVOLVED IN THE FOLLOWING TECHNOLOGY AREAS?

- PERSONAL COMPUTERS
- SUPERCOMPUTERS
- ARTIFICIAL INTELLIGENCE
- NETWORKING
- VIDEO
- FAX
- VOICE